

Dear Colleague,

Drug abuse and addiction have been inextricably linked with HIV/AIDS and hepatitis C since the beginning of these epidemics. While intravenous drug use is a well known vector for the spread of HIV/AIDS, less recognized is the role that drug abuse plays more generally in the spread of HIV by increasing the likelihood of high-risk sex with infected partners. Injection drug use and other drug-associated risky behaviors account for many of the new HIV infections, and 5 million people worldwide were newly infected in 2003. There are approximately 1 million people living with HIV infection in the United States today, out of an estimated 40 million across the globe.

HIV and HCV share common routes of transmission and risk factors. Injection drug use is a major risk factor for both infections, and an estimated 80–90 percent of HIV/HCV co-infected persons are injection drug users. Approximately 4 million Americans (1.8 percent of the U.S. population) and an estimated 200 million more around the world are infected with HCV.

HCV is one of the leading causes of chronic liver disease. Both drug abuse and co-occurring infections are associated with serious medical consequences including liver disease, a constellation of neurocognitive deficits (e.g., memory impairment, psychomotor slowing, and executive dysfunction), and other complications such as depression, anxiety, apathy, and fatigue.

This day-long symposium will address issues important to the clinicians and healthcare providers who treat drug-addicted populations. A group of clinicians and scientists (including infectious disease specialists, hepatologists, and psychiatrists) will discuss basic, epidemiological, and clinical issues of HIV/HCV including disease progression, the role of nutrition, neuropsychiatric and psychological complications, and interventions now available to clinicians and healthcare providers. Presenters will also identify research gaps and provide directions for future research.

Sincerely,



Nora D. Volkow, M.D.

Director

National Institute on Drug Abuse
National Institutes of Health

SPONSORED BY:

National Institute on Drug Abuse/NIH
and
American Society of Addiction Medicine

Symposium Organizers:

NIDA/NIH
Jag H. Khalsa, Ph.D.
Frank Vocci, Ph.D.

National Institute on Drug Abuse, NIH
U.S. Department of Health and Human Services
and
American Society of Addiction Medicine



A SYMPOSIUM

**CLINICAL APPROACHES
TO HIV AND HEPATITIS C
INFECTIONS IN DRUG ABUSERS**

**ASAM's 37th Annual
Medical-Scientific Conference**

Friday, May 5, 2006
10:30 a.m. — 5:30 p.m.

Sheraton San Diego Hotel and Marina
San Diego, California



Symposium Agenda

ASAM's 37th Annual Medical-Scientific Conference

Friday, May 5, 2006

San Diego, CA

CHAIRS:

Jag H. Khalsa, Ph.D.

Chief

Medical Consequences Branch
National Institute on Drug Abuse
National Institutes of Health

Frank Vocci, Ph.D.

Director

Division of Pharmacotherapies and
Medical Consequences of Drug Abuse
National Institute on Drug Abuse
National Institutes of Health

MORNING SESSION

Clinical Approaches to HIV and Hepatitis C Infections in Drug Abusers

10:30–10:45 Welcome and Introduction
Jag H. Khalsa, Ph.D. and
Frank Vocci, Ph.D.
NIDA/NIH

Epidemiology and Pathogenesis of Infections in Drug Abusers

Moderator: **Richard Garfein, Ph.D.**

10:45–11:05 HIV/HCV Infections and
Drug Abuse: Update
Richard Garfein, Ph.D.
Associate Professor
University of California at
San Diego
San Diego, CA

11:05–11:25 Pathophysiology of Infections
in Drug Abusers
Ramesh Ganju, Ph.D.
Associate Professor
Harvard University
Boston, MA

11:25–11:45 HCV Variants and Immunology
in Drug Abusers
James Ryan, M.D.
Associate Professor
University of California at
San Francisco
San Francisco, CA

11:45–Noon Panel Discussion

Noon–1:00 LUNCH

AFTERNOON SESSION

Medical Complications of Hepatitis C and HIV Infections

Moderator: **Brian Edlin, M.D.**

1:00–1:20 Psychiatric/Neuropsychiatric
Complications of HIV/HCV
Infections in Drug Abusers
Charles Hinkin, Ph.D.
Professor
University of California at
Los Angeles
Los Angeles, CA

1:20–1:40 Managing Dual Infections in
Drug Abusers
Brian R. Edlin, M.D.
Associate Professor
Cornell University
New York, NY

1:40–2:00 The Effects of HIV Infection on
The Humoral Response to HCV
Andrea Cox, M.D.
Assistant Professor
Johns Hopkins University School
of Medicine
Baltimore, MD

2:00–2:20 Role of Nutrition in Infections
in Drug Abusers
Kristy Hendricks, Sc.D.
Assistant Professor
Tufts University
Boston, MA

2:20–2:40 Panel Discussion

2:40–3:00 BREAK

Infectious Diseases and Addictions: Complicated Therapies for Complicated Diseases

Moderator: **Jack Stapleton, M.D.**

3:00–3:20 Clinical Trials of HIV/HCV
Infections
Ken Sherman, M.D.
Professor of Medicine
University of Cincinnati

3:20–3:40 Treatment Problems in
Co-infected Drug Abusers
Robert Horsburgh, M.D.
Professor
Boston University
Boston, MA

3:40–4:00 Drug Interactions in HIV/HCV
Co-infected Drug Abusers
Jack Stapleton, M.D.
Professor
University of Iowa
Iowa City, IA

4:00–4:20 New Medications for the
Treatment of Dual Infections
in Drug Abusers
Ellen Tedaldi, M.D.
Professor of Medicine
Temple University
Philadelphia, PA

4:20–5:00 Panel Discussion and
Adjournment